

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800
 Rev. 11/20/00 This is an experimental format - Please give suggestions or comments to Jeff Harrison, CP4-9C18, 306-5429.

Date 4/16/01 Serial # 08/986327 Case Priority Date _____

Your Name ADOLF BERTHANE Examiner # 69748

AU 2838 Phone 30 8-3299 Room 10D05 U4-18-01 A09:02 IN

In what format would you like your results? Paper is the default. **PAPER** **DISK** **EMAIL**

If submitting more than one search, please prioritize in order of need.

The EIC searcher normally will contact you before beginning a prior art search. Would you like to sit with the EIC searcher in a mediated interactive search? Yes/ No _____

Where have you searched so far on this case?

Circle: **USPT** **DWPI** **EPO Abs** **JPO Abs** **IBM TDB**
 Other: _____

What relevant art have you found so far? Please attach pertinent citations or Information Disclosure Statements. US 5473526
08/231637

What types of references would you like? Please checkmark:

Primary Refs _____ Nonpatent Literature _____ Other _____
 Secondary Refs _____ Foreign Patents _____
 Teaching Refs _____

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, elected species, structures, synonyms, keywords, acronyms, registry numbers, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Litigation search for Reissue application 08/986327
and patent # 5473526

STAFF USE ONLY

Searcher Jeff HARRISON
 Searcher Phone 306-5429
 Searcher Location CP4-9C18
 Date Searcher Picked Up 4-19-01
 Date Completed 4-19-01
 Searcher Prep/Rev Time 20
 Online Time 15

Type of Search

Structure (#) _____
 Bibliographic _____
 Litigation ✓ _____
 Fulltext _____
 Patent Family _____
 Other _____

Vendors

STN _____
 Dialog ✓ _____
 Questel/Orbit ✓ _____
 Lexis-Nexis ✓ _____
 WWW/Internet _____
 Other _____

4/19/01

Examiner Berhane,

Re: 08/986,327 US 5,473,526

Attached are search results.

No litigation was found in searches of Dialog, Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

Thanks,

Jeff Harrison

STIC-EIC2800

306-5429

CP4-9C18



Source: All Sources : Area of Law - By Topic : Patent Law : Patents : U.S. Patents : Utility Patents **i**

Terms: **patno is 5,473,526** ([Edit Search](#))

*Pat. No. 5,473,526, **

5,473,526

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Dec. 5, 1995

System and method for power-efficient charging and discharging of a capacitive load from a single source

REISSUE: Reissue Application filed Jan. 1, 2001 (O.G. Mar. 6, 2001) Ex. Gp.: 2838; Re. S.N. 09/758,631

Reissue Application filed Dec. 5, 1997 (O.G. Sep. 22, 1998) Ex. Gp.: 2838; Re. S.N. 08/986,327

INVENTOR: Svensson, Lars, Santa Monica, California
Athas, William C., Redondo Beach, California
Koller, Jeffrey G., Torrance, California

ASSIGNEE-AT-ISSUE: University of Southern California, Los Angeles, California (02)

APPL-NO: 231,637

FILED: Apr. 22, 1994

CERTCORR: Jul. 9, 1996 a Certificate of Correction was issued for this Patent

INT-CL: [6] H02M 3#07

US-CL: 363#60; 307#109;

CL: 363;307;

SEARCH-FLD: 307#109, 110; 363#60, 59, 61

REF-CITED:

U.S. PATENT DOCUMENTS

3,603,898	9/1971	* Dawson	328#167
5,095,223	3/1992	* Thomas	307#110
5,339,236	8/1994	* Tamagawa	363#59

PRIM-EXMR: Wong, Peter S.

ASST-EXMR: Krishnan, Aditya

LEGAL-REP: Benman, Collins & Sawyer

CORE TERMS: switch, load, voltage, capacitive, dissipation, capacitor, tank, capacitance, selectively, charging, equation, connecting, terminal, driver, cycle, energy, plural, power supply, discharging, resistance, teachings, input, rho, battery, simplified, activating, switching, gradually, opened, charge-discharge

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File 345:Inpadoc/Fam.& Legal Stat 1968-2001/UD=200114
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1/39/1
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12762185
Basic Patent (No,Kind,Date): US 5473526 A 19951205 <No. of Patents: 001>
Patent Family:
Patent No Kind Date Applic No Kind Date
US 5473526 A 19951205 US 231637 A 19940422 (BASIC)
Priority Data (No,Kind,Date):
US 231637 A 19940422

PATENT FAMILY:

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5473526 A 19951205
SYSTEM AND METHOD FOR POWER-EFFICIENT CHARGING AND DISCHARGING OF A
CAPACITIVE LOAD FROM A SINGLE SOURCE (English)
Patent Assignee: UNIV SOUTHERN CALIFORNIA (US)
Author (Inventor): SVENSSON LARS (US); ATHAS WILLIAM C (US); KOLLER
JEFFREY G (US)
Priority (No,Kind,Date): US 231637 A 19940422
Applic (No,Kind,Date): US 231637 A 19940422
National Class: * 363060000; 307109000
IPC: * H02M-003/07
Derwent WPI Acc No: * G 96-030065; G 96-030065
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5473526	P	19940422	US AE	APPLICATION DATA (PATENT)
				(APPL. DATA (PATENT))
			US 231637 A	19940422
US 5473526	P	19940617	US AS02	ASSIGNMENT OF ASSIGNOR'S
				INTEREST
				UNIVERSITY OF SOUTHERN CALIFORNIA UNIVERSITY
				PARK LOS ANGELES, CA 90089 ; SVENSSON, LARS :
				19940520; ATHAS, WILLIAM C. : 19940520;
				KOLLER, JEFFREY G. : 19940520
US 5473526	P	19951205	US A	PATENT
US 5473526	P	19960709	US CC	CERTIFICATE OF CORRECTION
US 5473526	P	19980922	US RF	REISSUE APPLICATION FILED
				(REISSUE APPL. FILED)
				971205
US 5473526	P	20010306	US RF	REISSUE APPLICATION FILED
				(REISSUE APPL. FILED)
				20010101

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(C) QUESTEL 1994

QUESTEL.ORBIT (TM) 1998

19/04/01 16*27*37

Last connection: 16/04/01 20*48*25

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Patent family search results

US5473526/PN Results : 1

PATENT FAMILY

#	Patent No.	Kind	Date	Applic.No.	Kind	Date
1)	US5473526	A	19951205	1994US-0231637		A
	19940422					

Priority :

1994US-0231637	A	19940422
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1/1 CRXX - (C) CLAIMS/RRX

Accession Number :

2669778

Patent Number :

5,473,526 A 19951205 [US5473526]

Patent Assignee :

Southern California, University of

Patent Type :

E (Electrical)

Actions :

19971205 REISSUE REQUESTED

ISSUE DATE OF O.G.: 19980922

REISSUE REQUEST NUMBER: 08/986327

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2838

Reissue Patent Number:

20010101 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20010306

REISSUE REQUEST NUMBER: 09/758631

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2838

Reissue Patent Number:

Update Code :

1999-00

IFI Update Other :

2001-03-06

1/1 LGST - (C) LEGSTAT

Patent Number :

US 5473526 [US5473526]

Application Number :

US 231637/94 19940422 [1994US-0231637]

Document Type :

US-P

Action Taken :

19940422 US/AE-A

APPLICATION DATA (PATENT)

{US 231637/94 19940422 [1994US-0231637]}

19940617 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

UNIVERSITY OF SOUTHERN CALIFORNIA UNIVERSITY PARK LOS ANGELES, CA 90089

* SVENSSON, LARS : 19940520; ATHAS, WILLIAM C. : 19940520; KOLLER,

JEFFREY G. : 19940520

19951205 US/A

PATENT

19960709 US/CC

CERTIFICATE OF CORRECTION

19980922 US/RF

REISSUE APPLICATION FILED

971205

20010306 US/RF

REISSUE APPLICATION FILED

20010101

Update Code :

2001-10

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Search statement 1

Query/Command : nbr /pn 5473526

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9	1	5473537
10	1	5473540
11	2	5473547
12	1	5473552
13	1	5473556
14	1	5473557
15	1	5473578

Some: numbers / Continue: Y / None: N

Query/Command : 5

** SS 1: Results 3
Continue: Y / N

Query/Command : PRT SS 1 MAX 1-3 LEGAL %PSET%



1/3 PAST - (C) PAST

Accession Number :

200110-000902

Patent Number :

5473526 A [US5473526]

Document Type :

A (UTILITY)

Official Gazette Date :

2001-03-06

Code :

REA

Actions :

REISSUE APPLICATION FILED

Subject Heading :

REISSUE APPLICATION FILED

2/3 PAST - (C) PAST

Accession Number :

199838-001282

Patent Number :

5473526 A [US5473526]

Document Type :

A (UTILITY)

Official Gazette Date :

1998-09-22

Code :

REA

Actions :

REISSUE APPLICATION FILED

Subject Heading :

REISSUE APPLICATION FILED

3/3 PAST - (C) PAST

Accession Number :

199628-001248

Patent Number :

5473526 A [US5473526]

Document Type :

A (UTILITY)

Official Gazette Date :

1996-07-09

Code :

COR

Actions :

CERTIFICATE OF CORRECTION

Subject Heading :

CERTIFICATE OF CORRECTION

Selected file: LITA

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For technical content information : see INFO LITA

Search statement 1

Query/Command : nbr /pn 5473526

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3	2	5472618
4	1	5472625
5	1	5473485
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7	2	5473997
8	1	5474073
9	2	5474142
10	1	5474216
11	2	5474239
12	1	5474383
13	2	5474496
14	1	5474523
15	1	5474978

Patent Number
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Some: numbers / Continue: Y / None: N

Query/Command : n

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